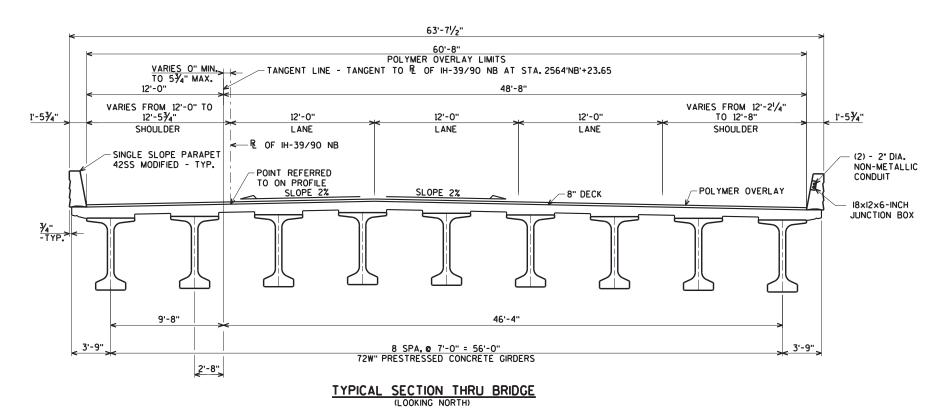
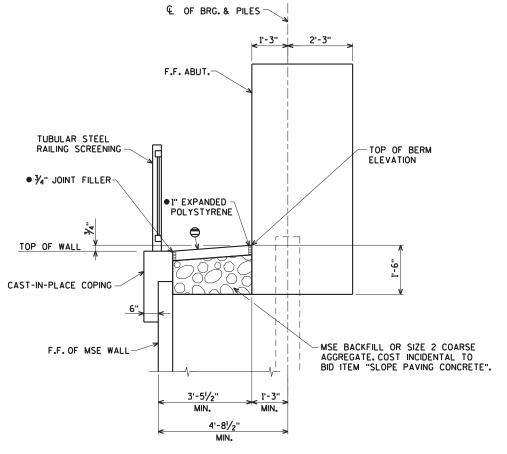


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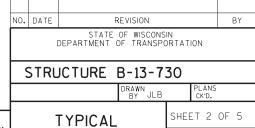
CROSS SECTION THRU ABUTMENT AT MSE WALL

(NORMAL TO ABUTMENT AND WALL) 4" SLOPE PAVING CONCRETE

■ SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF FILLER AND EXPANDED POLYSYRENE WITH NON-STAINING GREY NON-BITUMINOUS JOINT SEALER (I" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE).

F.F. DENOTES FRONT FACE.

8



SECTIONS

ASSOCIATES

3433 Odkwood Hills Parkway
Edu Claire, WI 5470I
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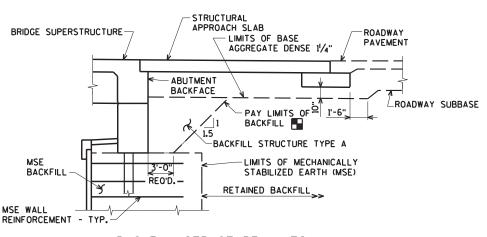
4/29/2019

TOTAL ESTIMATED QUANTITIES

	BID ITEM NUMBER	BID ITEMS	UNIT	S. STR. APR. SLAB	S. ABUT.	N. ABUT.	N. STR. APR. SLAB	SUPER.	TOTAL
	206.1000	EXCAVATION FOR STRUCTURES BRIDGES B-13-730	LS						1
	210.1500	BACKFILL STRUCTURE TYPE A	TON						
	305.0120	BASE AGGREGATE DENSE 11/4-INCH	TON						
	501.1000.S	ICE HOT WEATHER CONCRETING	LB						
	502.0100	CONCRETE MASONRY BRIDGES	CY						
	502.3200	PROTECTIVE SURFACE TREATMENT	SY						
	502.3210	PIGMENTED SURFACE SEALER	SY						
	503.0172	PRESTRESSED GIRDER TYPE I 72W-INCH	LF						
	505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB						
	505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB						
	505.0800.S	BAR STEEL REINFORCEMENT HS STAINLESS STRUCTURES	LB						
	506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH						
	506.4000	STEEL DIAPHRAGMS B-13-730	EACH						
	509.5100.S	POLYMER OVERLAY	SY						
	516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY						
	517.1010.S	CONCRETE STAINING B-13-730	SF						
		PILE POINTS	EACH						
	550.2108	PILING CIP 10¾ X 0.50-INCH	LF						
	604.0400	SLOPE PAVING CONCRETE	SY						
	614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH						
	652.0125	CONDUIT RIGID METALLIC 2-INCH	LF		-				
_ [652.0225	CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF						
	653.0222	JUNCTION BOXES 18 X 12 X 6-INCH	EACH						
	SPV.0035.700	HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES	CY						
F	SPV.0165.700	LONGITUDINAL GROOVING BRIDGE DECK	SY						
-		NON-BID ITEMS	SIZE						1/2" & 3/4"
		FILLER			·				

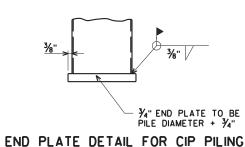
HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES SHALL INCLUDE ALL SUPERSTRUCTURE CONCRETE AND ALL STRUCTURAL APPROACH SLAB CONCRETE, EXCEPT THE STRUCTURAL APPROACH SLAB FOOTING CONCRETE.

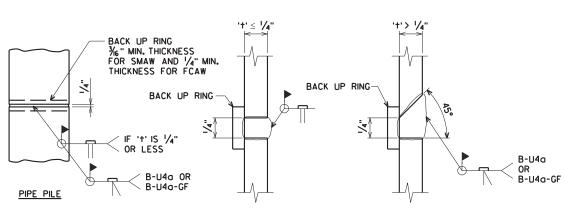
PILING TO BE ASTM A252 (GRADE 3) WITH A fy = 45,000 p.s.i.



BACKFILL STRUCTURE LIMITS

BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCLUDED WITH EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.





PILE SPLICE DETAIL

CAST-IN-PLACE PILE SHELL MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. CIP PILE WELD DETAIL

STATE PROJECT NUMBER

1007-12-78

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED. BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS SHOWN OR NOTED OTHERWISE.

THE FIRST DIGIT OF A THREE DIGIT BAR NO. OR THE FIRST TWO DIGITS OF A FOUR DIGIT BAR NO. SIGNIFIES THE BAR SIZE.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M 153, TYPE I, II, OR III OR A.A.S.H.T.O. DESIGNATION M 213.

AT THE BACKFACE OF ABUTMENTS ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE TYPE A.

THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED DIRECTLY BEHIND ABUTMENTS AND ABUTMENT WINGS FOR 3 FEET. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE PRESTRESSED GIRDER DETAILS SHEET.

BEVEL EXPOSED EDGES OF CONCRETE 34" UNLESS OTHERWISE NOTED. POLYMER OVERLAY AND PIGMENTED SURFACE SEALER IS TO BE APPLIED AS SHOWN IN DETAIL ON THIS SHEET.

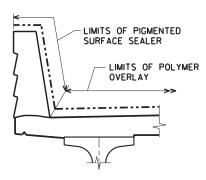
ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

THE RUSTICATIONS IN THE ABUTMENTS ARE INCLUDED IN THE BID ITEM "CONCRETE MASONRY BRIDGES".

THE RUSTICATIONS AT THE BACK FACE OF THE PARAPETS ARE INCLUDED IN THE BID ITEM "HIGH PERFORMANCE CONCRETE (HPC) MASONRY STRUCTURES"

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH SLOPE PAVING MATERIAL TO THE EXTENT SHOWN ON THE GENERAL PLAN SHEET AND IN THE ABUTMENT DETAILS.

DECK SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "POLYMER OVERLAY".



POLYMER OVERLAY AND PIGMENTED SURFACE SEALER DETAILS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURE B-13-730 SHEET 3 OF 5

3433 Oakwood Hills Parkway Eau Claire, WI 54701 ASSOCIATES www.AyresAssociates.com

QUANTITIES AND NOTES

8

4/25/2019

8

8

TYPICAL SECTIONS SHEET 4 OF 5

AND PROFILES

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